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[Kazuo Murota](#)

June Proceedings of the 5th International IPCO Conference on Integer Programming and Combinatorial Optimization

**Publisher:** Springer-Verlag

Additional Information: [full citation](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

#### 2 [From video-mediated communication to technologies for collaboration: re-configuring media space](#)

[Christian Heath](#), [Paul Luff](#), [Abigail Sellen](#)

June Information superhighways  
1995

**Publisher:** Academic Press, Inc.

Additional Information: [full citation](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

#### 3 [Domain-Independent eNegotiation Design: Prospects, Methods, and Challenges](#)

[Dirk Neumann](#), [Christof Weinhardt](#)

September 2002 **DEXA '02: Proceedings of the 13th International Workshop on Database and Expert Systems Applications**
**Publisher:** IEEE Computer Society

Full text available: [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#)
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Designing electronic markets is still a rather intricate process. eNegotiation - and thereby trading rules - embody the core of the institution "electronic market". Although success or failure of electronic markets is strongly influenced by the design ...


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**4** [A new priority based congestion control protocol for Wireless Multimedia Sensor Networks](#)

[Mohammad Hossein Yaghmaee](#), [Donald Adjero](#)

June **WOWMOM '08: Proceedings of the 2008 International Symposium on a World of  
2008 Wireless, Mobile and Multimedia Networks**

**Publisher:** IEEE Computer Society

Full text available:  [Publisher](#)  
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Additional Information: [full citation](#), [abstract](#)

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New applications made possible by the rapid improvements and miniaturization in hardware has motivated recent developments in Wireless Multimedia Sensor Networks (WMSNs). As multimedia applications produce high volumes of data which require high transmission ...

**5** [Similarity Measurement Between Images](#)

[Chaur-Chin Chen](#), [Hsueh-Ting Chu](#)

July **COMPSAC '05: Proceedings of the 29th Annual International Computer Software  
2005 and Applications Conference - Volume 02**, Volume 02

**Publisher:** IEEE Computer Society

Full text available:  [Publisher](#)  
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**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2

Experimental results of applying two similarity measurements, Euclidean distance and chord distance, to test a set of six Brodatz's textures are reported. Experiments show that in addition to feature extraction, A similarity measurement between images ...

Also published in:

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02** Volume 02

**6** [Global stabilization for systems evolving on manifolds](#)

[M. Malisoff](#), [M. Krichman](#), [E. Sontag](#)

April 2006 **Journal of Dynamical and Control Systems**, Volume 12 Issue 2

**Publisher:** Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

We show that any globally asymptotically controllable system on any smooth manifold can be globally stabilized by a state feedback. Since we allow discontinuous feedbacks, we interpret the solutions of our systems in the "sample and hold" sense introduced ...

**Keywords:** asymptotic controllability, control systems on manifolds, input-to-state stabilization

**7** [An analysis of the low-earth-orbit communications environment](#)

[Robert Joseph Diersing](#)

January **An analysis of the low-earth-orbit communications environment**  
1992

**Publisher:** Texas A & M University

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**Keywords:** satellite communications

**8** [A posteriori parameter choice for general regularization methods for solving linear ill-posed problems](#)

[H. W. Engl](#), [H. Gfrerer](#)

July **Applied Numerical Mathematics** , Volume 4 Issue 5  
1988

**Publisher:** Elsevier Science Publishers B. V.

Additional Information: [full citation](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

**9** [CroMo --Morphological Analysis for Standard Croatian and its Synchronic and Diachronic Dialects and Variants](#)

[Damir Šavar](#), [Ivo-Pavao Jazbec](#), [Tomislav Stojanov](#)

July Proceeding of the 2009 conference on Finite-State Methods and Natural Language  
2009 Processing: Post-proceedings of the 7th International Workshop FSMNLP 2008

**Publisher:** IOS Press

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

CroMo is a finite state transducer that combines three major functionalities into one high-performance monolithic machine for morphological segmentation, annotation, and lemmatization. It is designed to be flexible, extensible, and applicable to any ...

**Keywords:** Croatian, Finite State Transducer, Morphology

**10** [Supporting RFID-based item tracking applications in Oracle DBMS using a bitmap datatype](#)

[Ying Hu](#), [Seema Sundara](#), [Timothy Chorma](#), [Jagannathan Srinivasan](#)

August **VLDB '05: Proceedings of the 31st international conference on Very large data bases**  
2005

**Publisher:** VLDB Endowment

Full text available:  Pdf (200.93 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 235, Downloads (12 Months): 2746, Downloads (Overall): 3600, Citation Count: 11

Radio Frequency Identification (RFID) based item-level tracking holds the promise of revolutionizing supply-chain, retail store, and asset management applications. However, the high volume of data generated by item-level tracking poses challenges to ...

**11** [An all optical interferometric detection scheme for application in secured passive optical networks](#)

[Awad S. Gerges](#), [F. Farahi](#), [M. Y. A. Rifa](#), [E. A. Mehanna](#)

December **HONET'09: Proceedings of the 6th international conference on High capacity optical networks and enabling technologies**  
2009

**Publisher:** IEEE Press

Additional Information: [full citation](#), [abstract](#), [references](#)


**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

This paper presents the implementation of an all-optical interferometric technique to optimize the detection of small coherent signals buried under the presence of a strong incoherent background noise. The influence of interferometer path-length imbalance, ...

**12** [Improving Effective Bandwidth through Compiler Enhancement of Global Cache Reuse](#)

April 2001 **IPDPS '01: Proceedings of the 15th International Parallel and Distributed Processing Symposium (IPDPS'01) - Volume 1**, Volume 1

**Publisher:** IEEE Computer Society

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0


Reusing data in cache is critical to achieving high performance on modern machines because it reduces the impact of the latency and bandwidth limitations of direct memory access. To date, most studies of software memory hierarchy management have focused ...

**13** [Square Rooting Algorithms for Integer and Floating-Point Numbers](#)

[R. Hashemian](#)

August 1990 **IEEE Transactions on Computers**, Volume 39 Issue 8

**Publisher:** IEEE Computer Society

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

An algorithm for evaluating the square root of integers and real numbers is developed. The procedure consists of two parts: one to obtain a close estimate of the square root and the other to modify the initial value, iteratively, until a precise root ...

**Keywords:** bit-shift operation, close estimate, digital arithmetic, division by 2, fast converging iteration, floating-point numbers, initial value modification, integer numbers, iterative methods, number theory., precise root, real numbers, square rooting algorithms

**14** [Project scheduling using a competitive genetic algorithm](#)

[J. Magalhães-Mendes](#)

September 2008 **SMO'08: Proceedings of the 8th conference on Simulation, modelling and optimization**

**Publisher:** World Scientific and Engineering Academy and Society (WSEAS)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

The resource constrained project scheduling problem (RCPSP) is a difficult problem in combinatorial optimization for which extensive investigation has been devoted to the development of efficient algorithms. During the last couple of years many heuristic ...


**Keywords:** RCPSP, genetic algorithm, optimization, project management, scheduling

**15** [A document engineering environment for clinical guidelines](#)

[Gersende Georg, Marie-Christine Jaulent](#)

August 2007 **DocEng '07: Proceedings of the 2007 ACM symposium on Document engineering**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (1.22 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2422, Downloads (12 Months): 2955, Downloads (Overall): 3098, Citation Count: 2

In this paper, we present a document engineering environment for Clinical Guidelines (G-DEE), which are standardized medical documents developed to improve the quality of medical care. The computerization of Clinical Guidelines has attracted much interest ...

**Keywords:** GEM, XML, clinical guidelines, deontic operators

**16** [Computer techniques for evaluating the double integral](#)

[Karen Doyle Walton](#), [Zachary Doyle Walton](#)

March 1992 **Journal of Computers in Mathematics and Science Teaching** , Volume 11 Issue 3-4

**Publisher:** Association for the Advancement of Computing in Education

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**17** [Truth in advertising in present and future generation computing](#)



[Rob Kling](#)

January 1984 **ACM '84: Proceedings of the 1984 annual conference of the ACM on The fifth generation challenge**

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (43.81 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 9, Downloads (Overall): 71, Citation Count: 0

The capabilities of advanced computing technologies are best understood by computer scientists and substantially less so by non-specialists. There is a strong bias toward oversimplifying the capabilities and limitations of new technologies when they ...

**18** [Multiple Trajectory Search for Uncapacitated Facility Location Problems](#)

[Lin-Yu Tseng](#), [Chih-Sheng Wu](#)

April 2009 **CSO '09: Proceedings of the 2009 International Joint Conference on Computational Sciences and Optimization - Volume 02** , Volume 02

**Publisher:** IEEE Computer Society

Full text available: Pdf [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

In this study, a novel metaheuristic called the Multiple Trajectory Search (MTS) is proposed to solve the uncapacitated facility location problem (UFLP). The Multiple Trajectory Search hybridizes a global search method (the Trajectory\_Search) and a local ...

**Keywords:** multiple trajectory search, uncapacitated facility location problem, metaheuristic

**19** [Infinite parallel job allocation \(extended abstract\)](#)



[Petra Berenbrink](#), [Artur Czumaj](#), [Tom Friedetzky](#), [Nikita D. Vvedenskaya](#)

July 2000 **SPAA '00: Proceedings of the twelfth annual ACM symposium on Parallel algorithms and architectures**

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (383.39 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 13, Downloads (Overall): 147, Citation Count: 2

In recent years, the task of allocating jobs to servers has been studied with the “balls and bins” abstraction. Results in this area exploit the large decrease in maximum load that can be achieved by allowing each job (ball) a little freedom ...

**20** [A New Parallel Factorization  \$A = DD^TBC\$  for Band Symmetric Positive Definite Matrices](#)

[Ilan Bar-On](#), [Ophir Munk](#)

September 1992 **CONPAR '92/ VAPP V: Proceedings of the Second Joint International Conference on Vector and Parallel Processing: Parallel Processing**

**Publisher:** Springer-Verlag

Additional Information: [full citation](#)

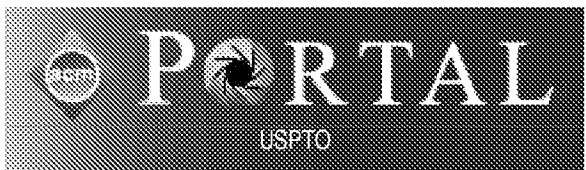
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Communications of the ACM

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Real-time procedural shading was once seen as a distant dream. When the first version of this course was offered four years ago, real-time shading was possible, but only with one-of-a-kind hardware or by combining the effects of tens to hundreds of rendering ...

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June 2010

Communications of the ACM

**Publisher:** ACM

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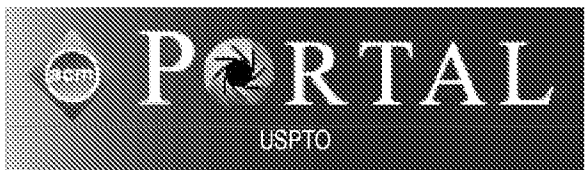
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